Rampage II Extreme Specifications

CPU	Intel® Socket 1366 Core™ i7 Processor Extreme Edition/Core™ i7 Processor Supports Intel® Dynamic Speed Technology * Refer to www.asus.com for Intel CPU support list
Chipset	Intel® X58 /ICH10R
System Bus	Up to 6400 MT/s with QuickPath Interconnection
Memory	6 x DIMM, Max. 12 GB, DDR3 1800(O.C.)/1600(O.C.)/1333/1066 Non-ECC,Un-buffered Memory Triple channel memory architecture * Supports Intel® Extreme Memory Profile (XMP) **Due to Intel spec definition, DIMMs of DDR3-1333 or above are out of spec. Please refer to www.asus.com or user manual for the Memory QVL(Qualified Vendors List).
Expansion Slots	3 x PCIe 2.0 x16 support at x16, x8, x8, or dual x16 speed 2 x PCIe 2.0 x 1 (the PCIEx1_1 (black) is compatible with audio slot) 1 x PCI 2.2
Multi-GPU Support	Support NVIDIA 3-Way SLI™ / ATI CrossFireX™ Technology * We recommend that you use full tower chassis for building a 3-Way SLI system.
Storage	**Intel ICH10R controller** 6 xSATA 3 Gb/s ports Intel Matrix Storage Technology Support RAID 0,1,5,10 **JMicron® JMB363 PATA and SATA controller** 1 xUltraDMA 133/100/66/33 for up to 2 PATA devices 1 xExternal SATA 3.0 Gb/s port (SATA On-the-Go) 1 xSATA 3.0 Gb/s port
LAN	Dual Gigabit LAN controllers, both featuring AI NET2 Support Teaming Technology
Audio	SupremeFX X-Fi Audio Card - ADI® AD2000B 8 -Channel High Definition Audio CODEC - EAX® Advanced™ HD 4.0 - X-Fi CMSS®-3D - X-Fi Crystalizer™ - Creative ALchemy - Supports 1 x S/PDIF out header - Supports Coaxial/Optical S/PDIF out ports on rear

IEEE 1394	2 x 1394a ports (1 port at back I/O, 1 port onboard)
USB	12 USB 2.0 ports (6 ports at mid-board, 6 ports at back panel)
Overclocking Features	TweakIt ProbeIt Extreme Engine with ML Cap - 16-phase CPU power - 3-phase QPI/DRAM power - 3-phase NB power - 3-phase Memory power - ML Caps on CPU, memory and NB respectively CPU Level Up iROG Extreme Tweaker BIOS Flashback Loadline Calibration Intelligent overclocking tools: - AI Gear 4™ - ASUS AI Booster Utility - O.C Profile Overclocking Protection: - COP EX (Component Overheat Protection - EX) - Voltiminder LED - ASUS C.P.R.(CPU Parameter Recall)
Special Features	External LCD Poster Onboard Switches: Power / Reset / Clr CMOS (at rear) EL I/O Q-Fan Plus ROG BIOS Wallpaper ASUS EPU-6 Engine ASUS Q-Connector ASUS Fan Xpert ASUS EZ Flash 2 ASUS CrashFree BIOS 3 ASUS MyLogo3
Back Panel I/O Ports	1 x PS/2 Keyboard port(purple) 1 x External SATA port 2 x LAN (RJ45) port 6 x USB 2.0/1.1 ports 1 x IEEE1394a port 1 x Clr CMOS switch
Internal I/O Connectors	3 x USB connectors supports additional 6 USB 2.0 ports 1 x Floppy disk drive connector 1 x IDE connector 7 x SATA connectors 1 x IEEE 1394a connector 1 x Chassis Fan connector x 8-pin ATX 12V Power connector 24-pin ATX Power connector 1 x EL I/O Shield Connector 2 x thermal sensor connector

	1 x En/Dis-able Clr CMOS connector System Panel 8 x Fan connectors: 1 x CPU / 1 x PWR / 3 x Chassis / 3 x Optional 8 x ProbeIt connectors 1 x LCD Poster connector 1 x BIOS FlashBack boot up selection header 1 x ROG light connector
BIOS	16 Mb Flash ROM AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.4, ACPI2.0a Multi-Language BIOS
Manageability	WOL by PME,WOR by PME,Chasis Intrusion,PXE
Accessories	ProbeIt Cable 3-Way SLI Cable SLI Cable ASUS Optional Fan SupremeFX X-Fi Audio Card External LCD Poster 3 in 1 ASUS Q-Connector Kit UltraDMA 133/100/66 cable SATA cables SATA power cables 2-port USB2.0 + IEEE 1394a module EL I/O Shield Thermal sensor cables Cable Ties User's manual
Support Disc	Support DVD: - Drivers and applications Sound Blaster X-Fi Utility Futuremark® 3DMark® Vantage Advanced Edition Kaspersky® Anti-Virus ASUS TurboV utility ASUS PC Probe II ASUS Update ASUS AI Suite
Form Factor	ATX Form Factor 12 inch x 10.6 inch (30.5 cm x 26.9 cm) * One inch greater than standard ATX form factor